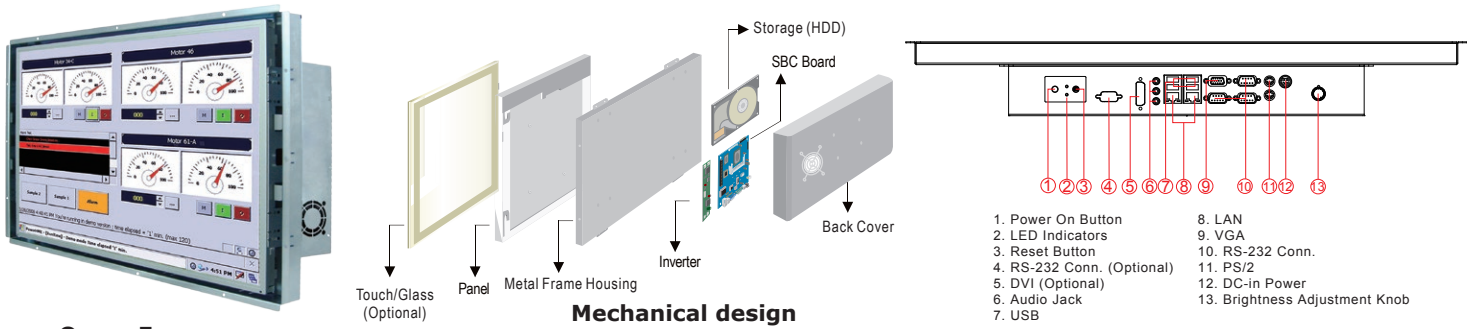


W24IV7T-OFA2 23.8" Panel PC (Intel® 3rd Generation Core™ i7/i5/i3)

Mechanical Design



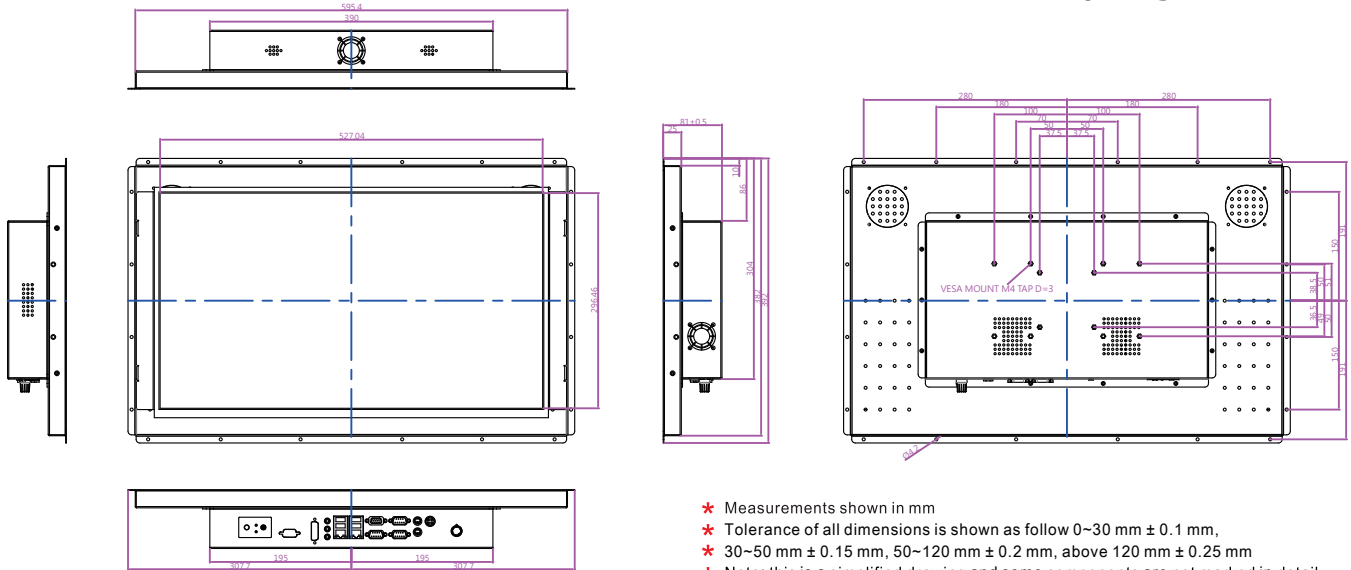
Open Frame

Mechanical design

1. Power On Button
2. LED Indicators
3. Reset Button
4. RS-232 Conn. (Optional)
5. DVI (Optional)
6. Audio Jack
7. USB
8. LAN
9. VGA
10. RS-232 Conn.
11. PS/2
12. DC-in Power
13. Brightness Adjustment Knob

Dimensions

Fully Integrated I/O



- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm,
- * 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
- * Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

Specifications

System :

- CPU : Intel® 3rd Generation Core™ i7/i5/i3
- Memory Slot : 2 x SO-DIMM Max 16GB DDR3 1333-1600
- System Chipset : Intel HM76 Chipset
- IDE/SATA : 1 x SATA III , 1 x SATA II , 1 x mSATA
- LAN : Dual Broadcom BCM57780 GbE controller
- Audio Codec : Realtek ALC886 HD Audio Codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
 - USB Ports : 4 x USB 3.0
 - Keyboard / Mouse : 2 x PS/2
 - Ethernet : 2 x RJ 45-10/100/1000 Mbps
 - VGA : 1 x VGA (female)
 - Audio : Line-Out, Line-In, Mic in
- Default setting:RS232

Expansion Slot :

- 2 x Mini PCIe , 1 x PCI-E(x16)
- * A customized housing is needed if you would like to have the PCI expansion.

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 100W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Adapter : 110~240V Ac-in Power Adapter

Panel Spec :

- Size/Type : 23.8" TFT
- Resolutions : 1920 x 1080
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 3000 : 1 (typ.)
- Viewing Angle : -89~89(H); -89~89(V)
- Max. Colors : 16.7M (8 bits/colors)

Environment Considerations :

- Operating Temperature : 0 deg.C to 50 deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

- Support Windows 10 IoT Enterprise / Win 8 embedded / Win 7 embedded / Win XP embedded

Order Options :

- | | |
|---|---|
| Mechanical : Open Frame | CPU : Check with sales |
| Chassis | Storage : 2.5" HDD/ 2.5"SSD |
| Touch : 5 Wires Resistive(Optional) | RAM : SO-DIMM DDR3 |
| (A customized housing is needed if you have demands of SAW/IR/SC touch) | OS : Windows 10 IoT Enterprise / Windows 8 embedded / Windows 7 embedded / Windows XP embedded (Optional) |



Note: All Specifications are subject to change without prior notice!

SCIGATE AUTOMATION (S) PTE LTD
 No.1 Bukit Batok Street 22 #01-01 Singapore 659592
 Tel: (65) 6561 0488 Fax: (65) 6562 0588
 Email: sales@scigate.com.sg Web: www.scigate.com.sg
 Business Hours: Monday - Friday 8.30am - 6.15pm

Revised Date: 29-Jul-2016 V1.6